Maths 'Home Learning'

This task menu shows the 5 home learning activities given throughout the term. Each homework will put on SMH. As part of our enrichment programme, students will need to ensure their Independent Revision sessions encompass ALL these areas.

Home learning	Instructions	Support strategies
Number	Using the information given during lessons to ensure you can work through identified problems involving; reverse percentages, ratio-proportions, calculations involving bounds, laws applied to powers, rational, surds & choices-outcomes.	- Revisit exemplars shown - Utilise online resources such as; MathsGenie, Bicen Maths etc - Model answers to help you with structure - Identify Difficult Questions and bring to your teacher for modelling - Classwork to be revisited - Use PPE QLAs, to address identified weaknesses - BBC bitesize and other Internet Maths resources
Algebra	Recap and embed the information given during lessons to ensure you can work through identified problems involving; 2-3 step formulae, quadratic equations, iteration, linear & distance/velocity-time graphs, algebraic fractions, functions/composite.	
Ratio & Proportion	Consolidate the information given during lessons to ensure you can work through identified problems involving; ratio, direct & inverse proportion, growth & decay, proportion in vectors, ratio linked to probability.	
Geometry & Measure	Consolidate the information given during lessons to ensure you can work through identified problems involving; properties of a circle, including circle theorems, properties of vectors, embedded in geometry, 3D problems involving both Pythagoras' Theorem & trigonometry, similar shapes and Sin/Cos/Tan 30, 60, 45.	
Probability & Statistics	Using the information given during lessons to ensure you can work through identified problems involving; tree diagrams, histograms combined with box-plots, conditional probability, mutually exclusive, frequency tables, choice & outcome linked to Venn diagrams, complementary outcomes.	